

# Balasubramanian Narasimhan

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

6,191  
citations

236925

25  
h-index

233421

45  
g-index

49  
all docs

49  
docs citations

49  
times ranked

10772  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnosis of multiple cancer types by shrunken centroids of gene expression. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 6567-6572.	7.1	2,632
2	Defining the features and duration of antibody responses to SARS-CoV-2 infection associated with disease severity and outcome. Science Immunology, 2020, 5, .	11.9	404
3	Bone Mineral Acquisition in Healthy Asian, Hispanic, Black, and Caucasian Youth: A Longitudinal Study <sup>&lt;sup&gt;1&lt;/sup&gt; . Journal of Clinical Endocrinology and Metabolism, 1999, 84, 4702-4712.</sup>	3.6	401
4	A method for calling gains and losses in array CGH data. Biostatistics, 2005, 6, 45-58.	1.5	337
5	Class Prediction by Nearest Shrunken Centroids, with Applications to DNA Microarrays. Statistical Science, 2003, 18, 104.	2.8	321
6	Sample classification from protein mass spectrometry, by 'peak probability contrasts'. Bioinformatics, 2004, 20, 3034-3044.	4.1	196
7	The Relationship Between Human Papillomavirus Status and Other Molecular Prognostic Markers in Head and Neck Squamous Cell Carcinomas. International Journal of Radiation Oncology Biology Physics, 2009, 74, 553-561.	0.8	195
8	Î2-Microglobulin as a Biomarker in Peripheral Arterial Disease. Circulation, 2007, 116, 1396-1403.	1.6	172
9	The Inference of Antigen Selection on Ig Genes. Journal of Immunology, 2000, 165, 5122-5126.	0.8	164
10	Characterizing the admixed African ancestry of African Americans. Genome Biology, 2009, 10, R141.	9.6	145
11	Estrogen Receptorâ€“Negative Invasive Breast Cancer: Imaging Features of Tumors with and without Human Epidermal Growth Factor Receptor Type 2 Overexpression. Radiology, 2008, 246, 367-375.	7.3	135
12	Minimal residual disease quantification using consensus primers and high-throughput IGH sequencing predicts post-transplant relapse in chronic lymphocytic leukemia. Leukemia, 2013, 27, 1659-1665.	7.2	123
13	Prophylactic rituximab after allogeneic transplantation decreases B-cell alloimmunity with low chronic GVHD incidence. Blood, 2012, 119, 6145-6154.	1.4	107
14	A scalable discrete-time survival model for neural networks. PeerJ, 2019, 7, e6257.	2.0	102
15	Lymphatic invasion in cutaneous melanoma is associated with sentinel lymph node metastasis. Journal of Cutaneous Pathology, 2009, 36, 772-780.	1.3	79
16	Signature patterns of gene expression in mouse atherosclerosis and their correlation to human coronary disease. Physiological Genomics, 2005, 22, 213-226.	2.3	73
17	Big data modeling to predict platelet usage and minimize wastage in a tertiary care system. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11368-11373.	7.1	54
18	Effects of Exercise Training in Patients With Abdominal Aortic Aneurysm. Journal of Cardiopulmonary Rehabilitation and Prevention, 2010, 30, 374-383.	2.1	49

#	ARTICLE	IF	CITATIONS
19	Components of genetic associations across 2,138 phenotypes in the UK Biobank highlight adipocyte biology. <i>Nature Communications</i> , 2019, 10, 4064.	12.8	48
20	Tree-structured supervised learning and the genetics of hypertension. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 10529-10534.	7.1	42
21	<b>CVXR</b> : An <i>R</i> Package for Disciplined Convex Optimization. <i>Journal of Statistical Software</i> , 2020, 94, .	3.7	41
22	Mouse Strain-Specific Differences in Vascular Wall Gene Expression and Their Relationship to Vascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 302-308.	2.4	39
23	Sex differences in the prevalence of peripheral artery disease in patients undergoing coronary catheterization. <i>Vascular Medicine</i> , 2010, 15, 443-450.	1.5	32
24	An open repository of real-time COVID-19 indicators. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	27
25	In Vivo 1H Magnetic Resonance Spectroscopy of Lactate in Patients With Stage IV Head and Neck Squamous Cell Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 71, 1151-1157.	0.8	26
26	Letermovir Prophylaxis Decreases Burden of Cytomegalovirus (CMV) in Patients at High Risk for CMV Disease Following Hematopoietic Cell Transplant. <i>Biology of Blood and Marrow Transplantation</i> , 2020, 26, 1963-1970.	2.0	26
27	The Automatic Construction of Bootstrap Confidence Intervals. <i>Journal of Computational and Graphical Statistics</i> , 2020, 29, 608-619.	1.7	24
28	Development of an internet-based protocol to facilitate randomized clinical trials in pediatric surgery. <i>Journal of Pediatric Surgery</i> , 2002, 37, 990-994.	1.6	21
29	CD10 expression in peripheral T-cell lymphomas complicated by a proliferation of large B-cells. <i>Modern Pathology</i> , 2006, 19, 337-343.	5.5	21
30	Penalized regression for left-truncated and right-censored survival data. <i>Statistics in Medicine</i> , 2021, 40, 5487-5500.	1.6	21
31	Efficacy of motivational-interviewing and guided opioid tapering support for patients undergoing orthopedic surgery (MI-Opioid Taper): A prospective, assessor-blind, randomized controlled pilot trial. <i>EClinicalMedicine</i> , 2020, 28, 100596.	7.1	19
32	Imputation of Mixed Data With Multilevel Singular Value Decomposition. <i>Journal of Computational and Graphical Statistics</i> , 2019, 28, 552-566.	1.7	17
33	Heritability of left ventricular mass in Japanese families living in Hawaii: the SAPHIRE Study. <i>Journal of Hypertension</i> , 2007, 25, 985-992.	0.5	15
34	Variability in CRP, regulatory T cells and effector T cells over time in gynaecological cancer patients: a study of potential oscillatory behaviour and correlations. <i>Journal of Translational Medicine</i> , 2014, 12, 179.	4.4	14
35	An <i>R</i> Package for Assessing Drug Synergism/Antagonism. <i>Journal of Statistical Software</i> , 2010, 34, .	3.7	14
36	Derivation and validation of a prognostic score for neonatal mortality in Ethiopia: a case-control study. <i>BMC Pediatrics</i> , 2020, 20, 238.	1.7	12

#	ARTICLE	IF	CITATIONS
37	Fast numerical optimization for genome sequencing data in population biobanks. <i>Bioinformatics</i> , 2021, 37, 4148-4155.	4.1	9
38	A new approach to designing phase I-II cancer trials for cytotoxic chemotherapies. <i>Statistics in Medicine</i> , 2014, 33, 2718-2735.	1.6	7
39	Software for Distributed Computation on Medical Databases: A Demonstration Project. <i>Journal of Statistical Software</i> , 2017, 77, .	3.7	7
40	<b>deconvolveR</b> : A G-Modeling Program for Deconvolution and Empirical Bayes Estimation. <i>Journal of Statistical Software</i> , 2020, 94, .	3.7	6
41	Supervised Learning from Microarray Data. , 2002, , 67-77.		4
42	Lisp-StattoJava to R. <i>Journal of Statistical Software</i> , 2005, 13, .	3.7	3
43	Accuracy of Electronic Medical Record Follow-Up Data for Estimating the Survival Time of Patients With Cancer. <i>JCO Clinical Cancer Informatics</i> , 2022, , .	2.1	3
44	Dynamic Display of Changing Posterior in Bayesian Survival Analysis: The Software. <i>Journal of Statistical Software</i> , 1999, 4, .	3.7	2
45	Associations Among Multiple Markers and Complex Disease: Models, Algorithms, and Applications. <i>Advances in Genetics</i> , 2008, 60, 437-464.	1.8	1
46	The changing impact of cytomegalovirus among hematopoietic cell transplant recipients during the past decade: A single institutional cohort study. <i>Transplant Infectious Disease</i> , 2022, 24, .	1.7	1
47	Response to Letter Regarding Article, "C-reactive Protein as a Biomarker in Peripheral Arterial Disease: Proteomic Profiling and Clinical Studies". <i>Circulation</i> , 2008, 117, .	1.6	0
48	An Interview with Bradley Efron. <i>International Statistical Review</i> , 2020, 88, S2.	1.9	0